**General Information about the CogAT**

The ***Cognitive Ability Test*** measures reasoning and problem-solving skills based on experiences in and out of schooland which are most closely related to school success.

**Definitions:**

**Verbal Reasoning** measure a person’s ability to perceive and understand concepts and ideas expressed verbally (to remember and rearrange the order of words, to understand them, and to make judgments about them).

**Quantitative Reasoning** is the application of mathematical concepts and skills to solve real world problems (understanding of the basic relationships needed for learning mathematics including number problems, relationships between numbers and the rules that explain them).

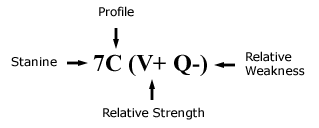
**Non-verbal reasoning** is the ability to analyze information and solve problems using visual clues or by manipulating objects (considers a child’s ability to use thinking skills in new situations).

The **Composite Score (V+Q+N)** results from combining the Verbal, Quantitative, and Nonverbal batteries and is a general statement of this student's reasoning ability and predicts achievement in all areas of student learning.

* **SAS** is the **Standard Age Score**. The average score is 100 with a standard deviation of 16.
* **APR** is the **Age Percentile Rank** which is the percentage of students of the same age that the given student outscores on the test.
* **GPR** is the **Grade Percentile Rank** which is the percentage of students in the same grade that the given student outscores on the test.

**Ability Profile:** Go to **cogat.com** and click on ***Interactive Profile Interpretation System***

* An ability profile summarizes the level and pattern of a student’s reasoning ability. For example, a student who obtains a profile of **7C(V+Q-)** has slightly above average reasoning abilities with a relative strength in verbal reasoning and a relative weakness in quantitative reasoning. Each ability profile is linked to extensive suggestions for individualizing instruction.

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**Dissecting the Profile:**

* “**7**” - This test is scaled on a nine point standard scale or **stanine.**  The average or mean score would be 5.
* “**C**” – The letter indicates the general form of the score pattern. There are 4 letters.
  + **A**  All scores are at roughly the s**A**me level.
  + **B** One score is a**B**ove or **B**elow the other two – a relative strength **OR** a relative weakness.
  + **C**  Two scores **C**ontrast – a relative strength **AND** a relative weakness.
  + **E** There are **E**xtreme score differences – at least two scores differ by 24 or more points on the Standard Age Score (SAS).
* **( )** – The symbols in parentheses tell which scores are exceptional: **V+** means a **relative strength** in the Verbal Battery, **Q –** a **relative weakness** on the Quantitative Battery, and **V+ Q-** a relative strength on the Verbal Battery coupled with a relative weakness on the Quantitative Battery.
* Sometimes there may be only one symbol within the parentheses and sometimes there will be none at all.

Lohman, David F. and Elizabeth P Hagen. *CogAT – Form 6 Interpretive Guide for Teachers and Counselors.* Riverside Publishing, 2003